

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DC. P305177 PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2005/001070	International filing date (day/month/year) 21/03/2005	(Earliest) Priority Date (day/month/year) 20/03/2004
Applicant DURAKERB LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 8 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☒ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 17

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☒ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-14, 19-36, 42, 43, 48-53, 70-77, 84-87
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A plastics or rubber kerbstone (110) has a body which defines a flange for assisting retention of the kerbstone, in use. A kerb race reinforcement structure (80) is also disclosed. The kerb race reinforcement structure has a preformed body which defines a base and a kerb carrying surface displaced from the base so as to define a cavity between the base and the carrying surface.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-14,19-36,42,43,48-53,70-72,77,84-87

kerbstone comprising a body having a retention formation for assisting the retention of the kerbstone.

- 1.1. claim: 13 and 33

kerbstone comprising a body having a hollow cavity divided into compartements by ribs which are scalloped proximate the base.

- 1.2. claims: 50,86 and 87

kerbstone having retention elements extending from proximate the base to a position short of the top face.

- 1.3. claims: 20,52 and 53

kerbstone with apertures in the front and or rear walls of its body to allow concrete to be poured there through.

- 1.4. claim: 77

kerbstone with a body made of plastic or rubber material formed with a blowing agent.

- 1.5. claim: 70 and 71

kerbstone with a drainage channel.

2. claims: 15,17,18,37,44-47

kerbstone having portions of different strength or different materials.

3. claims: 55-69,88

kerbstone with means for informing a road user.

4. claims: 73-76

kerbstone comprising a body having a hollow cavity divided into compartements by ribs which are formed in a special bearing form.

5. claims: 78,79

kerbstone in which a surface is rendered wettable.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

6. claim: 80

kerbstone having a cavity filled with expansion foam.

7. claim: 81

kerbstone with an outer skin of plastic material.

8. claims: 54, 82 and 83

kerbstone with a surface having a higher friction characteristic.

9. claims: 89-109

kerb race reinforcement structure or system or method including a kerb race reinforcement structure.

10. claims: 16, 38-41, 110-113

kerbstone or method for forming of a kerb race for a kerbstone, with at least a spigot receiving structure.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E01C11/22 E01F9/053

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E01C E01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 942 255 A (PHILIP KING; RICHARD MOFFATT) 20 November 1963 (1963-11-20)	1-12, 14, 19-32, 34-36, 42, 43, 48-52, 57, 69, 72, 74, 75, 84-86
Y	page 1, line 10 - page 3, line 7 figure 7	13, 33, 50, 86, 87
Y	DE 20 35 028 A1 (SCHLEITH) 20 January 1972 (1972-01-20) figures 1-6	13, 33
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 August 2005

Date of mailing of the international search report

30.08.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kerouach, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 23 43 260 A1 (INTERGRANIT GMBH) 6 March 1975 (1975-03-06) figures 1-12	50,86,87
X	GB 1 538 064 A (NOVATION LTD) 10 January 1979 (1979-01-10) page 1, line 13 - page 2, line 80 page 3, lines 57-100 page 4, lines 48-73 figures 1-11	1,2,6, 10,14, 16, 20-22, 25,26, 30,34, 38,42, 52,70,71
X	FR 1 435 342 A (GINCAN ANSTALT) 15 April 1966 (1966-04-15) page 1, paragraph 1-4 page 2, paragraph 3 figure 2	1-4,6, 10,11, 14,19, 21, 25-28, 30,31, 54,82,83
X	US 3 203 327 A (DALEY BERNARD M) 31 August 1965 (1965-08-31) column 2, line 68 - column 3, line 6; figures 1-3	21,25, 26,28, 30-33, 72-76

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 942255	A	20-11-1963	NONE	
DE 2035028	A1	20-01-1972	NONE	
DE 2343260	A1	06-03-1975	NONE	
GB 1538064	A	10-01-1979	NONE	
FR 1435342	A	15-04-1966	NONE	
US 3203327	A	31-08-1965	NONE	